

TE-PUFPLUS Hi-Vol PAH Air Sample Data Form

Sample
InformationFull Site Name: Burns Harbor - Port of IndianaSite Abbreviation BHPDeployment No. 22

Field Deployment and Recovery

Field Deployment Technician Name Cole Remsburg Setup Date/Time 8/9/21 10:55Sample Run Date 8-10-21 Flow Conditions should be STD. Flow Rate should be 225 liters/min.

Once all necessary fields in Timer screen have been set, 3 things should happen:

- ☒ Green power light should start to blink;
- ☒ Timer countdown should start indicating when sampling run will commence;
- ☒ Status on main screen should change to "Waiting".

Field Recovery Technician Name R. DE ECKHART Recovery Date/Time 8/11/21 10:33

Q _{std} Avg Flow (liters/min)	<u>207</u>	Actual Start Date/Time	<u>8/10/21 00:00:00</u>
CV	<u>1.75</u>	Actual Stop Date/Time	<u>8/11/21 00:00:30</u>
Q _{std} Volume (m ³)	<u>304.17</u>	T _{amb} Avg (°C)	
Elapsed Time (HH:MM)	<u>24:30</u>	P _{amb} Avg (mmHg)	
Flags? Expected flags: Completed, Q _{std} <u>QSTD Y, COMPLETED Y</u>			

Sample Status: VALID VOID (circle one) VOID Reason: _____

Site Observations

Run Day Temperatures: High 93°F Low 71°F Source: WEATHER UNDERGROUNDRun Day Precipitation: 0Run Day Wind/Wind Direction: 14 MPH maxRun Day Sky Cover: CloudyUnusual Events? (fires, major storms, construction, etc.): NONE

Maintenance

Check all that apply.

Weekly Checks:

- ☒ Power cords/plugs ok?
- ☒ Gaskets ok?
- ☒ Shelter ok?
- ☒ Tubing ok?
- ☒ Timer ok?
- ☒ Debris removed?

Monthly Checks: (after 5th sample run of the month)

- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Completed TE-PUFPLUS One-Point Flow Check Form?
- ☐ Temperature sensors within $\pm 2^{\circ}\text{C}$ of transfer standard?
- ☐ Pressure sensor within ± 10 mmHg of transfer standard?
- ☐ One-point flow verification within $\pm 10\%$ of Q_{std} PUFPLUS ($0.225 \frac{\text{m}^3}{\text{min}}$)?

Maintenance Notes: